



NOAA, NATIONAL WEATHER SERVICE, WEATHER FORECAST OFFICE

Miami, Florida 33165

NATIONAL WEATHER SERVICE MIAMI PARTICIPATES IN CBS4'S FOURTH ANNUAL "MARLINS WEATHER DAY"!



April 28, 2010: Thousands of students from grades 3 through 8 attended CBS4's fourth annual "Marlins Weather Day". Students had the opportunity to learn about the science of weather in a fun-filled environment – at Sun Life Stadium, home of the Florida Marlins Major League Baseball team!

Dan Gregoria, Senior Forecaster at NWS Miami and Bob Ebaugh, Hydrometeorological Technician at NWS Miami both had the pleasure of participating in this exciting event! Dan and Bob showed the students how the NWS obtains information about wind, temperature, and humidity at different levels of the atmosphere – by releasing weather balloons!



Bob Ebaugh (left), and Dan Gregoria (right), with "Billy the Marlin" at the "Marlins Weather Day".

Weather balloons are released twice daily at around 90 NWS offices across the country. Miami NWS forecasters use this data daily to assess the stability of the atmosphere, determining thunderstorm potential, how strong thunderstorms may become if they develop, and where they will most likely develop and move. The data also is ingested into computer models, which helps forecasters predict the weather.



The weather balloon, filled with helium, rises out of Sun Life Stadium.

In addition to the balloon release, the CBS4 weather team conducted several informative science demonstrations along with a weather quiz for the students.

The fourth annual “Marlins Weather Day” was a huge success!